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Solar Panel Guide Specification Data Sheet

Eco Delta Power Co., Ltd.

ED110-120-130-6P

ED120-6P

Also available on the web at
EnergyPal.com/eco-delta-power-co-ltd-solar-panels/ed120-6p



Poly-crystalline Solar Module

- ED110-6P
- ED120-6P
- ED130-6P

Warranty

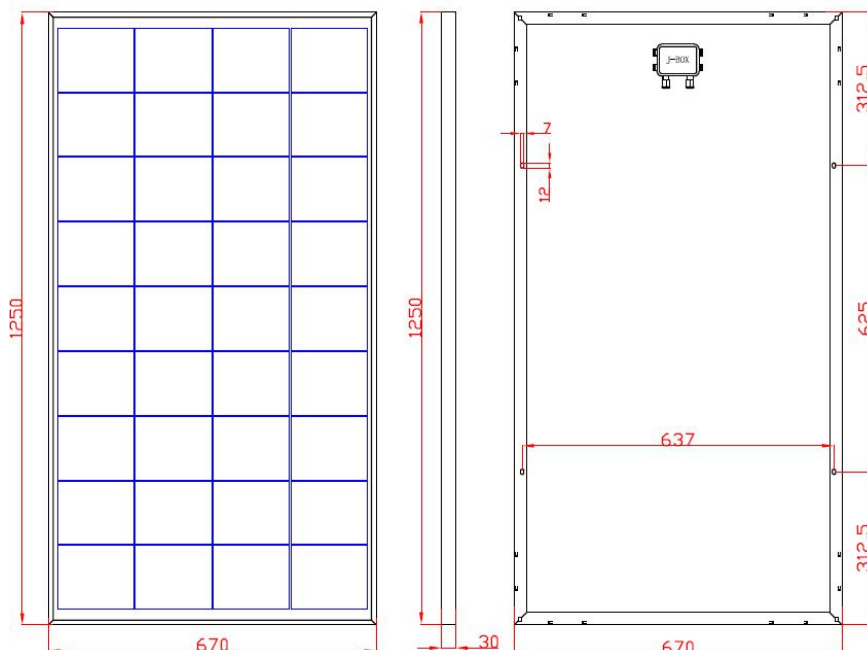
- 10-year repair and workmanship warranty
- 12-year warranty at 90% power output
- 25-year warranty at 80% power output



Typical Electrical Characteristics

Models	ED110-6P	ED120-6P	ED130-6P
Max. Power (Pmax)	110Wp	120Wp	130Wp
Optimum Operating Voltage (Vm)	17.2V	17.6V	17.8V
Optimum Operating Current (Im)	6.40A	6.82A	7.31A
Open-circuit Voltage (Voc)	21.6V	22.4V	22.8V
Short-circuit Current (Isc)	6.78A	7.22A	7.67A
Module efficiency	14.2%	15.0%	15.7%

Note: the specifications are obtained under the Standard Test Condition (STC): 1,000W/m², Am 1.5, Cell Temperature 25°C



Solar cell	Poly
Power Tolerance (Pmax)	0 ~ +3%
Numbers of cells	36pcs of cells in series
Module Dimension	1250×670×30mm
Weight	10Kg
Max. System Voltage	1000V DC
Max. Series Fuse Rating	—
Temperature cycling range	-40°C ~ +85°C
NOTC	47°C
Temperature coefficients of Isc	(+0.06%/°C)
Temperature coefficients of Voc	(-0.35%/°C)
Temperature coefficients of Pmax	(-0.4%/°C)
Load Capacity	448pcs/ 20'GP
	1008pcs/ 40'GP

Certification



The Structure of Solar Modules

Cells

The hi-efficiency of mono and poly solar cells ensure adequate power for panels.

Glass

Low-iron tempered glass, 3.2mm thickness with higher reflectivity.

EVA

Higher transmission rate, antioxidant capacity and temperature resistance, no expansion or contraction.

Back film

Increase efficiency of modules slightly and reduce module's temperature. Aging resistance, corrosion resistance and airtight.

Aluminum Frame

Using the framework of the anodized aluminum frame with high intensity, mechanical shock resistance capacity.

